

8-29 WIRE MESH SLOPE PROTECTION**8-29.1 Description**

This Work consists of constructing wire mesh slope protection in accordance with these Specifications and the details shown in the Standard Plans and in conformity with the lines and dimensions shown in the Plans or established by the Engineer.

8-29.2 Materials

Materials shall meet the requirements of Section 9-16.4.

8-29.3 Construction Requirements**8-29.3(1) Anchors**

The Contractor shall install anchors of the type shown in conformance to the layout shown in the Plans. The spacing and number of the anchors and wire ropes as shown in the Plans are approximate only, and the Engineer will arrange the spacing in such a manner as to hold the wire mesh against the slope. Backfill material shall be thoroughly compacted.

8-29.3(2) Wire Rope Assembly

The wire rope assembly shall be in place before the wire mesh is attached. The bottom wire rope shall not be tensioned. No wire rope splicing will be allowed.

8-29.3(3) Wire Mesh

The wire mesh shall be fastened to the completed wire rope assembly as shown in the Plans. Hog rings on the vertical lap splices shall be placed in a single row centered on the splice. Horizontal splices joining 2 rolls of mesh shall be made by removing a horizontal end wire and reweaving through the ends of the fabric to form a continuous mesh. All top and bottom laps shall be made by folding the mesh to the outside, away from the slope, to avoid the possibility of falling material hanging up in the folds. The bottom of the mesh shall be located so that material dislodged under the mesh can drain freely from the bottom, yet will not flow or bounce onto the Roadway. The ends of all tie wires shall be secured to the mesh with a minimum of 1½-turns.

The wire mesh shall not be tensioned in any direction, but is to remain loose so as to increase its dampening effect on rolling rocks. The Contractor shall use care in the handling and installing of the wire mesh and wire rope. Any mesh or wire rope damaged due to the Contractor's operations shall be replaced by the Contractor at no expense to the Contracting Agency.

8-29.4 Measurement

Measurement of anchors will be per each for the completed anchor. Anchor types will not be differentiated.

Galvanized wire mesh will be measured by the square foot of the completed area.

Galvanized wire rope will be measured by the linear foot of wire rope actually used in the completed project.

8-29.5 Payment

Payment will be made in accordance with Section 1-04.1, for each of the following Bid items that are included in the Proposal:

“Wire Mesh Slope Protection Anchor”, per each.

“Galvanized Wire Mesh”, per square foot.

“Galvanized Wire Rope”, per linear foot.

